



MODEL 4000SVM

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Single Deflection Sidewall Supply

Size	Area Ak	Inlet Velocity PS	200	300	400	500	600	700	800	900	1000
			.010	.011	.020	.031	.044	.060	.078	.099	.122
6x6	.25	CFM	50	75	125	125	150	175	200	225	250
	.20	NC	<15	<15	<15	<15	<15	<15	16	19	23
8x8	.44	CFM	89	133	178	222	267	311	356	400	444
	.35	NC	<15	<15	<15	<15	<15	16	19	22	25
10x6	.42	CFM	83	125	167	208	250	292	333	375	417
	.33	NC	<15	<15	<15	<15	<15	16	18	22	25
10x8	.56	CFM	111	167	222	278	333	389	444	500	556
	.43	NC	<15	<15	<15	<15	<15	17	20	23	26
10x10	.69	CFM	139	208	278	347	417	486	556	625	694
	.54	NC	<15	<15	<15	<15	16	18	21	24	27
12x6	.50	CFM	100	150	200	250	300	350	400	450	500
	.39	NC	<15	<15	<15	<15	<15	16	19	22	26
12x8	.67	CFM	133	200	267	333	400	467	533	600	667
	.52	NC	<15	<15	<15	<15	15	18	20	24	27
12x12	1.00	CFM	200	300	400	500	600	700	800	900	1000
	.78	NC	<15	<15	<15	15	17	19	22	25	29
14x6	.58	CFM	117	175	233	292	350	408	467	525	583
	.46	NC	<15	<15	<15	<15	<15	<15	17	20	24
14x8	.78	CFM	156	233	311	389	467	544	622	700	778
	.61	NC	<15	<15	<15	<15	16	18	21	24	28
16x6	.67	CFM	133	200	267	333	400	467	533	600	667
	.52	NC	<15	<15	<15	<15	<15	<15	17	21	24
16x8	.89	CFM	178	267	356	444	533	622	711	800	889
	.69	NC	<15	<15	<15	<15	17	19	22	25	28
18x6	.75	CFM	150	225	300	375	450	525	600	675	750
	.59	NC	<15	<15	<15	<15	<15	15	18	21	25
18x8	1.00	CFM	200	300	400	500	600	700	800	900	1000
	.78	NC	<15	<15	<15	15	17	19	22	25	29
20x6	.83	CFM	167	250	333	417	500	583	667	750	833
	.65	NC	<15	<15	<15	<15	<15	16	18	22	25
20x8	1.11	CFM	222	333	444	556	667	778	889	1000	1111
	.87	NC	<15	<15	<15	<15	<15	17	20	23	26
20x10	1.39	CFM	200	300	400	500	600	700	800	900	1000
	1.08	NC	<15	<15	<15	15	17	19	22	25	29
20x12	1.67	CFM	267	400	533	667	800	933	1067	1200	1333
	1.30	NC	<15	<15	<15	<15	15	18	20	24	27
20x16	2.22	CFM	444	667	889	1111	1333	1556	1778	2000	2222
	1.73	NC	<15	<15	<15	16	18	20	23	26	29
22x10	1.53	CFM	306	458	611	764	917	1069	1222	1375	1528
	1.19	NC	<15	<15	<15	<15	16	18	21	24	28
Throw			12	18	24	30	36	42	47	53	59

Size	Area Ak	Inlet Velocity PS	200	300	400	500	600	700	800	900	1000
			.010	.011	.020	.031	.044	.060	.078	.099	.122
24x6	1.00	CFM	200	300	400	500	600	700	800	900	1000
	.78	NC	<15	<15	<15	<15	<15	16	19	22	26
24x8	1.33	CFM	267	400	533	667	800	933	1067	1200	1333
	1.04	NC	<15	<15	<15	<15	15	18	20	24	27
24x10	1.67	CFM	333	500	667	833	1000	1167	1333	1500	1667
	1.30	NC	<15	<15	<15	<15	16	19	21	25	28
24x12	2.00	CFM	400	600	800	1000	1200	1400	1600	1800	2000
	1.56	NC	<15	<15	<15	15	17	20	22	25	29
26x12	2.17	CFM	433	650	867	1083	1300	1517	1733	1950	2167
	1.69	NC	<15	<15	<15	15	17	20	23	26	29
28x12	2.33	CFM	467	700	933	1167	1400	1633	1867	2100	2333
	1.82	NC	<15	<15	<15	16	18	20	23	26	30
30x6	1.25	CFM	250	375	500	625	750	875	1000	1125	1250
	.98	NC	<15	<15	<15	<15	15	17	20	23	27
30x8	1.67	CFM	333	500	667	833	1000	1167	1333	1500	1667
	1.30	NC	<15	<15	<15	<15	15	18	20	24	27
Throw			12	18	24	30	36	42	47	53	59

Notes

All Units have been tested in accordance with ANSI / ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in. wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm

Inlet Velocity = fpm (Feet Per Minute)

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page